Amendments to the Claims:

1-3. (canceled)

4. (currently amended): A method of embedding auxiliary information in original data, said method comprising:

receiving original data;

receiving auxiliary information, the auxiliary information being independent of the original data;

changing the auxiliary information based on the original data; and

embedding the changed auxiliary information in the original data.

~~The method of claim 1 in which the auxiliary information is dynamically modified based upon the original data.~~

5. (currently amended): The method of claim 4 in which after said changing step, said method comprises encrypting ~~the process includes encryption of~~ the changed auxiliary information.

6. (currently amended): The method of claim 5 [[1]] in which an [[the]] encryption key is stored in a database accessible by both an embedding device and a device operable to decode the embedded changed auxiliary information from the original data. ~~the sending and receiving devices.~~

7. (currently amended): The method of claim 6, wherein the original data comprises a plurality of segments, and [[1]] ~~in which~~ the encryption key is stored within the decoding ~~receiving~~ device and is the same for each of the plurality of segments. ~~every media segment.~~

8-13. (canceled)

14. (currently amended): The method of claim 4, wherein said embedding comprises steganographic embedding. [[12]] ~~in which modifying the auxiliary information is based upon the values previous in time to the embedded bit stream in Patent #5,774,452 by Jack Wolosewicz of Aris Technologies.~~

15. (currently amended): The method of claim 14 [[12]] in which changing ~~modifying~~ the auxiliary information is based upon unchanged original data bits to be purposely skipped during said embedding. ~~when embedding a PN sequence.~~

16. (currently amended): The method of claim 14 [[12]] in which changing ~~modifying~~ the auxiliary information is based upon original data bits which are not used for embedding when a ~~because the~~ PN sequence designates the not used original data bits ~~is forced to designate these~~ as non-embedding ~~data in~~ locations.

17. (currently amended): The method of claim 4, wherein the original data comprises a plurality of frames, and [[12]] wherein said ~~further including an~~ embedding includes ~~process, which involves repetitively~~ placing ~~placing~~ the ~~locked~~ changed auxiliary information ~~data bits~~ in slots located in at least one header associated with one of the frames. ~~the header of each frame.~~

18. (currently amended): The method of claim 4 [[12]] wherein said embedding places ~~further including an embedding process, which involves placing~~ the changed ~~locked~~ auxiliary ~~data~~ information in a ~~bits in the~~ global header associated with the original data. ~~of the file.~~

19–29. (canceled)

30. (new): The method of claim 4, wherein said auxiliary information comprises plural-bits, and wherein said changing comprising changing at least a plurality of the plural-bits.

31. (new): The method of claim 4, wherein the auxiliary information comprises a total number of bits, and wherein said changing does not alter the total.

32. (new): A method of enabling an action with embedded information, wherein the information is embedded according to the method of claim 4, said method comprising:

decoding the embedded information;

verifying the embedded information corresponds to the original data; and

enabling the action when both the embedded information corresponds to the original data and the auxiliary information permits the enabling.

33. (new): The method of claim 4, wherein the original data comprises a photograph, the changed auxiliary information is embedded within the photograph, and said method further comprises printing the embedded photograph on an identification document.

34. (new): The method of claim 33, wherein auxiliary information is changed by data within the photograph.

35. (new): The method of claim 33, wherein the original data further comprises information correlated with the identification document, and the auxiliary information is changed by at least one of: i) a portion of the photograph, ii) a portion of the correlated information and iii) a combination of a portion of the photograph and a portion of the correlated information.

36. (new): The method of claim 35, wherein the correlated information comprises at least one of a name and address.

37. (new): The method of claim 17, wherein a redundant instance of the changed auxiliary information is placed in a plurality of frame headers respectively associated with the plurality of frames.

38. (new): The method of claim 17, wherein a first portion of the changed auxiliary information is placed into at least a first frame header, and a second portion of the changed auxiliary information is place into at least a second and different frame header.

39. (new): The method of claim 38, wherein the first portion and the second portion comprise overlapping changed auxiliary information.